

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE J		PAGE OF PAGES 1 11	
2. AMENDMENT/MODIFICATION NO. 0003		3. EFFECTIVE DATE 29-Jul-2015		4. REQUISITION/PURCHASE REQ. NO. N6588615RX5A224		5. PROJECT NO.(If applicable)	
6. ISSUED BY NAVSUP FLC JACKSONVILLE CONTRACTS DIV ALAN D BERGMAN 110 YORKTOWN AVE, 3RD FLOOR NAS JACKSONVILLE FL 32212-0097		CODE N68836		7. ADMINISTERED BY (If other than item 6) See Item 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				<input checked="" type="checkbox"/> X		9A. AMENDMENT OF SOLICITATION NO. N68836-15-T-0149	
				<input checked="" type="checkbox"/> X		9B. DATED (SEE ITEM 11) 06-Jul-2015	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> X The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input checked="" type="checkbox"/> X is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) 1. Provide answers to Bidder's Questions 10-12. 2. Provide correction to Attachment B. 3. Delete paragraph 6.4.8 and the requirement for the contractor to fill out the Resin Tank Usage Log (RTUL) attachment (D) as stated in the PWS. 4. Correct the POP in paragraph 8.0 of the PWS. 5. Reduce the Quantity in CLIN 0002, 1002, 2002, 3002, and 4002 from 42 to 4.							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 29-Jul-2015	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been modified:

QUESTIONS AND ANSWERS

Bidders Questions and Answers:

1. Regarding the specific applications, referencing Attachment B, could you please clarify which applications are to be Industrial Process Recycle Water and which are Deionized Water Services as the terms "recirculate" and "recycled" can have different connotations to different folks.

Answer: Attachment B has been updated to reflect the quantity of tanks that will be used at each location. This includes the current installation and planned upgrades.

2. Also regarding Attachment B, the "Quantity in use per location" is assumed to be the number of vessels to be at each site.

Answer: Quantity in use is the number tanks connected.

3. Is the intent not to keep any spares on location, as has been done in the past?

Answer: Attachment B now reflects all spares

4. Also, is this the number of vessels on which rental will be paid?

Answer: The tanks are to be delivered FOB and should include all incidental costs such as transportation and equipment rental

5. Finally when completing the Schedule by Item Number provided, should the Tank Rentals be noted in each representative section or would you prefer a separate submittal for the total number of vessels and total price of the rental vessels in the facility?

Answer: It is anticipated that all Tank Rentals and Transportation charges will not be priced separately and included in the CLINs 0001AA-0001AL, 1001AA-1001AL, 2001AA-2001AL, 3001AA-3000AL, and 4001AA-4001AL. However, DFARS 252.204-7011 is included in the solicitation which allows offerors to propose alternative line item structure for items on which bids, proposals, or quotes are requested in this solicitation to ensure that the resulting contract structure is economically and administratively advantageous to the Government and the Contractor.

6. With respect to the Item Number, i.e. 0001AA for 14 - 30CF Anion Tanks, what specific unit is this for? If you could provide the Location Site, i.e. B780 - TP2 for each Item Number, it would be greatly appreciated.

Answer: B799 already has Cation/Anion after the SCU. B780 will have the same setup. The treated water scheme would be the acid/alkali waste without organics fed to a new pump station that adjusts pH. The effluent goes to hex-chrome specific resin and temporarily to the Carbon/SCU/Cat/Ani and finally to the NPW storage tank.

7. Regarding the completion of the Solicitation, the information provided is in .pdf format. I have attempted to edit the SF 1449 documents and cannot do so. Could the Solicitation be provided in a Word Document (docx.)

format so all responses can be completed electronically? (i.e. SF 1449 documents and clauses 52-209-5, 52-212-3 and 252-203-7005

Answer: Yes. Ensure you review FAR Clause 52.212-1 INSTRUCTIONS TO OFFERORS--
COMMERCIAL ITEMS (APR 2014) in the solicitation.

8. As clarification regarding the Contractor Performance Data Sheet and Past Performance Survey information; my understanding is that we (Offeror) are to complete the Contractor Performance Data Sheet(s) and submit with our offer. Then we (Offeror) are to forward the Past Performance Survey forms to those we listed on the Contractor Performance Data Sheet(s) and have those respondents return the completed forms to you. Is my understanding correct?

Answer: Yes

9. Finally, at this point, regarding the "System Service" Requirement of 4-hours every quarter. Based upon the Services Required, installation and maintenance (calibrations) of conductivity meters, system checks of all IEWTS components and the two parallel water softener systems, and maintaining and submitting Tank Usage Log Sheet once per month, the allotted time may not be sufficient to accomplish these requirements. I would like to review this time allotment and requirement with our Jacksonville Branch and Service Manager and provide you with a realistic time allotment to perform these services in a proper and complete manner. Would that be amenable?

Answer: IEWTS System Service is a FFP CLIN and should be priced accordingly.

10. CLIN 0002 is unclear of the realistic need and definition of .test and calibration of tanks and two water softeners at location specified in Attachment B. Will need solicitation to specify the number of Conductivity Meters to be installed and at what specific locations, as we have concerns with installing these meters on process applications.

Answer: Attachment B has been corrected to indicate which tanks and water softeners require Conductivity Meters.

11. Is this where we could also add the number of hours required to calibrate the conductivity meters on a semi-annual basis?

Answer: CLIN 0002, 1002, 2002, 3002 and 4002 have been updated to correct the number of tanks required for installation of conductivity meters, sampling ports, test and calibration of tanks and two water softeners at locations specified in Attachment B.

12. In CLIN 0003 notes quarterly maintenance service on the ion exchange waste water treatment supply (IEWTS) and two water softener systems. Again will need to specify the specific requirement, "quarterly maintenance" is extremely vague, and on which site specific systems these services are to be performed on.

Answer: Attachment B has been corrected to indicate which tanks and water softeners require quarterly maintenance.

SECTION SF 1449 - CONTINUATION SHEET

SOLICITATION/CONTRACT FORM

The required response date/time has changed from 05-Aug-2015 02:30 PM to 06-Aug-2015 02:30 PM.

SUPPLIES OR SERVICES AND PRICES

CLIN 0002

The pricing detail quantity has decreased by 38.00 from 42.00 to 4.00.

The unit of issue Tank has been added.

CLIN 1001

The unit of issue Tank has been deleted.

CLIN 1002

The pricing detail quantity has decreased by 38.00 from 42.00 to 4.00.

CLIN 2002

The pricing detail quantity has decreased by 38.00 from 42.00 to 4.00.

CLIN 3002

The pricing detail quantity has decreased by 38.00 from 42.00 to 4.00.

CLIN 4002

The pricing detail quantity has decreased by 38.00 from 42.00 to 4.00.

The unit of issue has changed from Each to Tank.

DELIVERIES AND PERFORMANCE

The following Delivery Schedule item for CLIN 0002 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-NOV-2015 TO 31-OCT-2016	N/A	FLEET READINESS CENTER SOUTHEAST N65886 RECEIVING OFFICER DLA DISTRIBUTION SWAN ROAD BLDG 175 DOOR 9 NAVAL AIR STATION JACKSONVILLE FL 32212-0103 904-790-5296 FOB: Destination	

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
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POP 01-NOV-2015 TO N/A
31-OCT-2016

FLEET READINESS CENTER SOUTHEAST N65886
RECEIVING OFFICER
DLA DISTRIBUTION SWAN ROAD
BLDG 175 DOOR 9 NAVAL AIR STATION
JACKSONVILLE FL 32212-0103
904-790-5296
FOB: Destination

The following have been modified:

ATTACHMENT B LOCATION OF TANKS

Attachment B Location and Quantity of Tanks

Location	Description	Feed Water Source	Qty in use (connected) Per Location	Spare	Description of water	CLIN	Conductivity Meter (CLIN 0002)
Plasma Shop 62724 Water Jet	TANK WX ANION 3.6 CF	recirculate at point of use	3		City water makeup, used water filtered to suit resin and recirculated DI out	0001AG	
Plasma Shop 62724 Water Jet	TANK WX CATION 3.6 CF	recirculate at point of use	3		City water makeup, used water filtered to suit resin and recirculated. DI out but since traces of heavy metal must be HW	0001AH	
Conversion Coat 62713 #1 & #2	TANK WX ANION 3.6 CF	recycled	2		Water from B780 NPW DI out	0001AG	yes
Conversion Coat 62713 #1 & #2	TANK WX CATION 3.6 CF	recycled	2		Water from B780 NPW DI out	0001AH	
Conversion Coat 62713 #2	TANK Mixed Bed 3.6 CF	recycled	1		Water from future RO DI out	0001AF	
Plating Shop 62722	TANK WX ANION 3.6 CF	recycled	1		Water from Cation DI out	0001AG	yes
Plating Shop 62722	TANK WX CATION 3.6 CF	recycled	1		Water from B799 NPW	0001AH	
Tool & Die Shop 62740 - EDM	TANK Mixed Bed 1.2 CF	recirculate at point of use	1		City water makeup, used water filtered to suit resin and recirculated, DI	0001AL	yes

					out		
Water Jet - Engines	TANK WX ANION 3.6 CF	recirculate at point of use	2		City water makeup, used water filtered to suit resin and recirculated DI out	0001AG	yes
Water Jet - Engines	TANK WX CATION 3.6 CF	recirculate at point of use	2		City water makeup, used water filtered to suit resin and recirculated	0001AH	
Conversion Coat/Plating Shop	SYSTEM SERVICE 4 hours/visit water softeners at Bldg. 794 and 780	NA	NA		NA	0003	
B780 - TP2	TANK Hex-Chrome 30 CF	process effluent	1		Water from pH adjusted pump station, future install	0001AD	
B780 - TP2	TANK SCU 30 CF	process effluent	2		Water from Hex-Chrome. Future install	0001AK	
B780 - TP2	TANK CARBON 30 CF	process effluent	1		Water from Hex-Chrome. Future install	0001AC	
B780 - TP2	TANK ANION 30 CF	process effluent	1		Water from Hex-Chrome. Future install	0001AA	
B780 - TP2	TANK CATION 30 CF	process effluent	1		Water from Hex-Chrome. Future install	0001BB	
B799 - TP3	TANK Hex-Chrome 3.6 CF	process effluent	2		Water from chromate seal rinse tanks, future install	0001AE	
B799 - TP3	TANK Hex-Chrome 30 CF	process effluent	2		Future use if 3.6 CF insufficient flow rate	0001AD	
B799 - TP3	TANK SCU 30 CF	process effluent	2	1	Water from carbon	0001AK	
B799 - TP3	TANK CARBON 30 CF	process effluent	1		Water from EQ	0001AC	
B799 - TP3	TANK ANION 30 CF	process effluent	1		Water from Cation	0001AA	
B799 - TP3	TANK CATION 30 CF	process effluent	1		Water from SCU	0001BB	
B794 - (TP3)	TANK CYANIDE SPECIFIC 1.2 CF	process effluent	6		Water from plating line rinse tanks	0001AJ	

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STATEMENT OF WORK

**Description of Requirements
for
Industrial Process Water Treatment Supplies with Ion Exchange**

1. Background:

The Fleet Readiness Center Southeast (FRCSE) is an industrial facility that reworks, repairs, and overhauls various aircraft, engines, and components. In support of facility operations, FRCSE requires industrial process water of two types of water: 1) Industrial process recycled water (Non-Potable Water) and 2) Deionized water. Ion exchange water treatment services are required to produce two types of water:

- **Industrial Process Recycle Water:** FRCSE requires an ion exchange water treatment that removes metals and other contaminants.
- **Deionized Water Services :** FRCSE requires ion exchange water treatment that removes ions in order to provide FRCSE with process water that meets the standards of the American Society For Testing and Material (ASTM) Type IV water per ASTM D 1193 (latest version).

2. Specifications:

The contractor shall provide ion exchange and industrial water treatment tanks to FRCSE. The Contractor is responsible for providing all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and other items necessary to provide ion exchange and industrial water treatment tanks. This includes pickup and delivery of ion exchange and/or activated carbon containers/tanks to ensure a reliable and continuous supply of industrial process water. The feed water for these systems will have traces of Resource Conservation and Recovery Act (RCRA) listed substances. As a result, RCRA regulatory rules shall apply.

- Attachment A provides the technical specifications in terms of maximum limits for Industrial Process Recycle Water.
- Attachment B provides the tank location, description, and quantity.

3. Recognized Holidays:

The contractor shall not schedule delivery or pick up of on the following federal holidays:

New Year's Day	Labor Day
Martian Luther King Jr's Birthday	Columbus Day
President's Day	Veteran's Day
Memorial Day	Thanksgiving Day
Independence Day	Christmas Day

4. Hours of Operations:

Delivery/pickup shall be conducted between the hours of 0700 AM to 1500 PM Monday thru Friday except federal holidays or when the Government facility is closed due to local or national emergencies, administrative closings, or Government directed closing.

5. Place of Performance:

Attachment B (Location/Quantity)

6. Requirements:

6.1 The Industrial Process Recycled Water Treatment Supply

The contractor shall deliver portable tanks containing ion exchange resins and/or activated carbon to ensure continuous industrial process recycled water (non-potable water) per attachment B. The portable tanks shall meet the following process requirements and criteria:

6.1.1 The carbon, general resin and the Cation/Anion tanks

- a. Shall treat 50 - 75 gallons per minute (GPM) at approximately 50 pounds square inch (PSI) in the Treatment Plants.
- b. This treatment configuration shall treat industrial process effluent water. The maximum limits of the industrial process effluent water to be treated are found in Attachment (A).
- c. The effluent from this water treatment is utilized as industrial process recycled water (non-potable water). The maximum limits for non-potable water are found in Attachment (A).

6.1.2 The hexavalent chrome specific resin tanks shall treat industrial process waste water that contains hexavalent chrome at a concentration of 0-100mg/L.

- a. Building 780 shall treat 50 – 75 GPM at approximately 50 PSI.
- b. Building 799 shall treat 2 - 10 GPM at approximately 30 – 50 PSI.
- c. The concentration of hexavalent chrome in the effluent of these tanks shall meet the requirements for treatment of the carbon and general resins supplied by the contractor.

6.1.3 The cyanide specific resin beds shall treat industrial process waste water that contains of compounds of cyanide at a concentration of 0-100mg/L.

- a. The process shall treat at 1 - 3 GPM at approximately 30 – 50 PSI.
- b. The concentration of cyanide in the effluent of these tanks shall meet the requirements for treatment of the carbon and general resins supplied by the contractor.

6.1.4 Industrial process deionized water shall meet ASTM Type IV deionized water in accordance with ASTM D1193 (latest version), Standard Specification for Reagent Water.

6.2 Ion Exchange Water Treatment Supply (IEWTS):

6.2.1 The contractor shall furnish rental portable tanks at the locations described in attachment B. The tanks shall contain ion exchange resins and/or activated carbon to ensure a continuous supply of industrial process deionized water. Each tank shall be filled with resin or carbon to its design volume.

6.3 Incidental Services-Monitoring and Testing

6.3.1 For each location in Attachment B, a conductivity meter shall be maintained at the system's connection point to the government's piping that indicates when the alarm set point is reached. The meter shall be checked for accuracy traceable to a National Institute of Standards (NIST) standard, approximately 20 -100 micro-siemens/cm. The meter shall be calibrated semi-annually and replaced as required.

6.3.2 The water treatment system shall incorporate monitoring / sampling ports at the system's connection point to the government's piping to facilitate monitoring of system performance and to estimate useful life of carbon and/or ion exchange resin/media.

6.3.3 The contractor shall provide connectors on their water treatment system bottles to allow connections to existing Government plumbing as directed by the Government point of contact (GPOC). A list of GPOC's will be provided upon contract award.

6.3.4 Four times per year the systems shall be checked for proper operation. This check shall include all components of the IEWTS and two parallel water softener systems.

6.3.5 After contract award, the contractor shall conduct 60 and 180 day assessments to determine whether supplies can be made more efficient or streamlined by using fewer or different size resin tanks. The results of this assessment (Hard Copy/Electronic) shall be delivered to the GPOC within 5 working days of the assessment

6.4 Transportation and Logistics Requirements

6.4.1 The contractor shall comply with all federal, state, and local regulatory requirements regarding:

- The proper handling, transportation and storage of bottles/tanks.
- Treatment and/or disposal of used carbon and/or resin media.
- Handling and disposal of the chemicals used to treat carbon and/or resin media

6.4.2 The contractor shall provide copies of all uniform hazardous waste manifests for all containers/tanks when removed from FRCSE to the GPOC.

6.4.3 If samples of the water to be treated are required by the contractor, the contractor shall provide all necessary containers, manifests, handling and laboratory analysis.

6.4.4 The GPOC at each shop identified in Attachment (B) will be authorized to place a verbal request against this contract up to the ordering limit specified in the schedule. Deliveries shall occur within 72 hours of request from designated GPOC.

6.4.5 The contractor shall provide a signed copy of the manifest for all containers/tanks at FRCSE NAS Jacksonville RCRA Part B Facility and manage all media waste in accordance with RCRA requirements. The contractor shall provide all certification / audit documentation to show proper management of all RCRA waste for the initial system to the Government and may be requested to provide certification / audit documentation of compliant facilities annually.

6.4.6 The contractor shall provide a copy of manifest and land disposal restriction paperwork for all portable containers/tanks to FRCSE Environmental and NAS Jacksonville RCRA Part B Facility (PWD) 48 hours prior to commencement of work to be performed. The contractor shall provide a certificate of recycling if applicable.

6.4.7 The contractor shall be solely responsible for any and all spills or leaks during the performance of the contract that occur as a result of, or are contributed to by the actions of its agents, subcontractors and/or employees. The contractor shall clean up such spills or leaks to the satisfaction of the Government and in a

manner that complies with applicable federal, state, and local laws and regulations. The cleanup shall be no cost to the government.

6.4.8 All contractor employees must be capable of obtaining legal access to FRCSE facilities and shall follow FRCSE work instruction (See Attachment C)

6.4.9 Some tanks are located on a part of the base known as the flight line. A special "Ramp Stamp License" is required to drive in those areas. A driver that the contractor uses to support the contract will require flight line access. The drivers shall attend and pass the "Ramp Stamp License" training class conducted by FRCSE. Training is conducted on a weekly basis in building 101 at FRCSE, NAS Jacksonville, and is two (2) hours in duration. Contractor drivers will not be authorized to drive on flight line until they have successfully completed this class. The class shall be successfully completed within ten (10) days after contract award.

7. Quality Assurance Provisions

Ion exchange water treatment shall meet the American Society For Testing and Material (ASTM) Type IV water per ASTM D 1193 (latest version). Media waste disposal shall be fully compliant with the Resource Conservation and Recovery Act (RCRA). The contractor shall submit a Quality Control Plan to demonstrate compliance with RCR. The Quality Control Plan shall discuss the contractor's overall approach and procedures for evaluating the supplies contained in the Description of Requirements. This includes communicating with the Government, resolving deficiencies, and identifying potential improvement and addressing their internal review processes.

8. Period of Performance:

Base:	1 – Nov – 2015 to 31 – Oct - 2016
Option I:	1 – Nov – 2016 to 31 – Oct - 2017
Option II:	1 – Nov – 2017 to 31 – Oct– 2018
Option III:	1 – Nov – 2018 to 31 – Oct– 2019
Option IV:	1 – Nov – 2019 to 31 – Oct - 2020

9. Point of Contact:

Primary:	Secondary:
Raymond "Lee" Haymond	Michael Woodside
PH: 904-790-4333	PH: 904-790-6527
Email: raymond.haymond@navy.mil	Email: michael.woodside@navy.mil

Attachments:

Attachment A (Maximum Limits for Industrial Process Recycled Water)
Attachment B (Location and Quantity of Tanks)
Attachment C (FRCSE Work Restrictions)

The following have been deleted:

ATTACHMENT D - RESIN USAGE

(End of Summary of Changes)